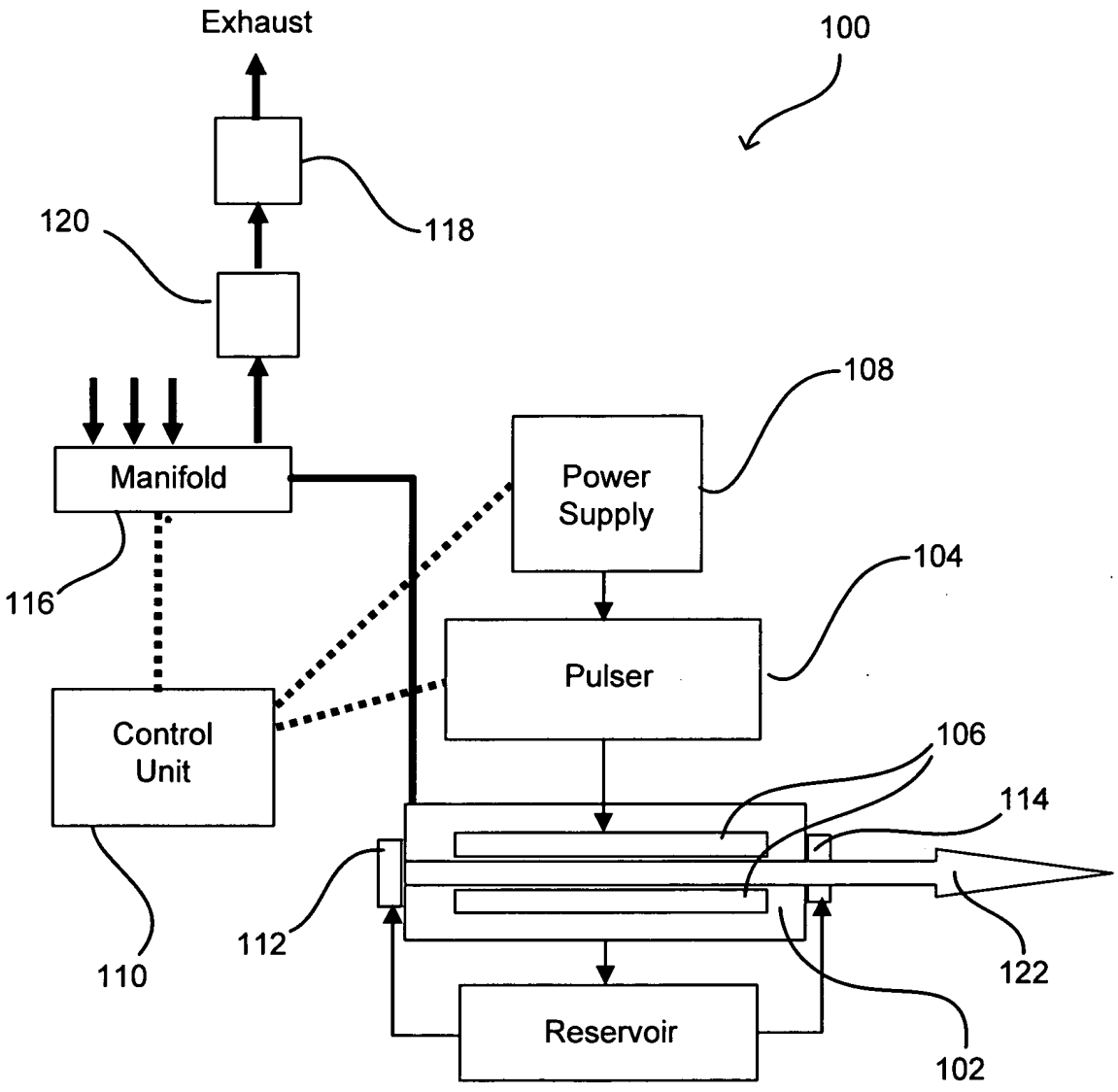

Exhaust
100
118
120
108
Manifold
Power Supply
116
104
Pulser
Control Unit
106
114
112
122
110
Reservoir
102

Figure 1

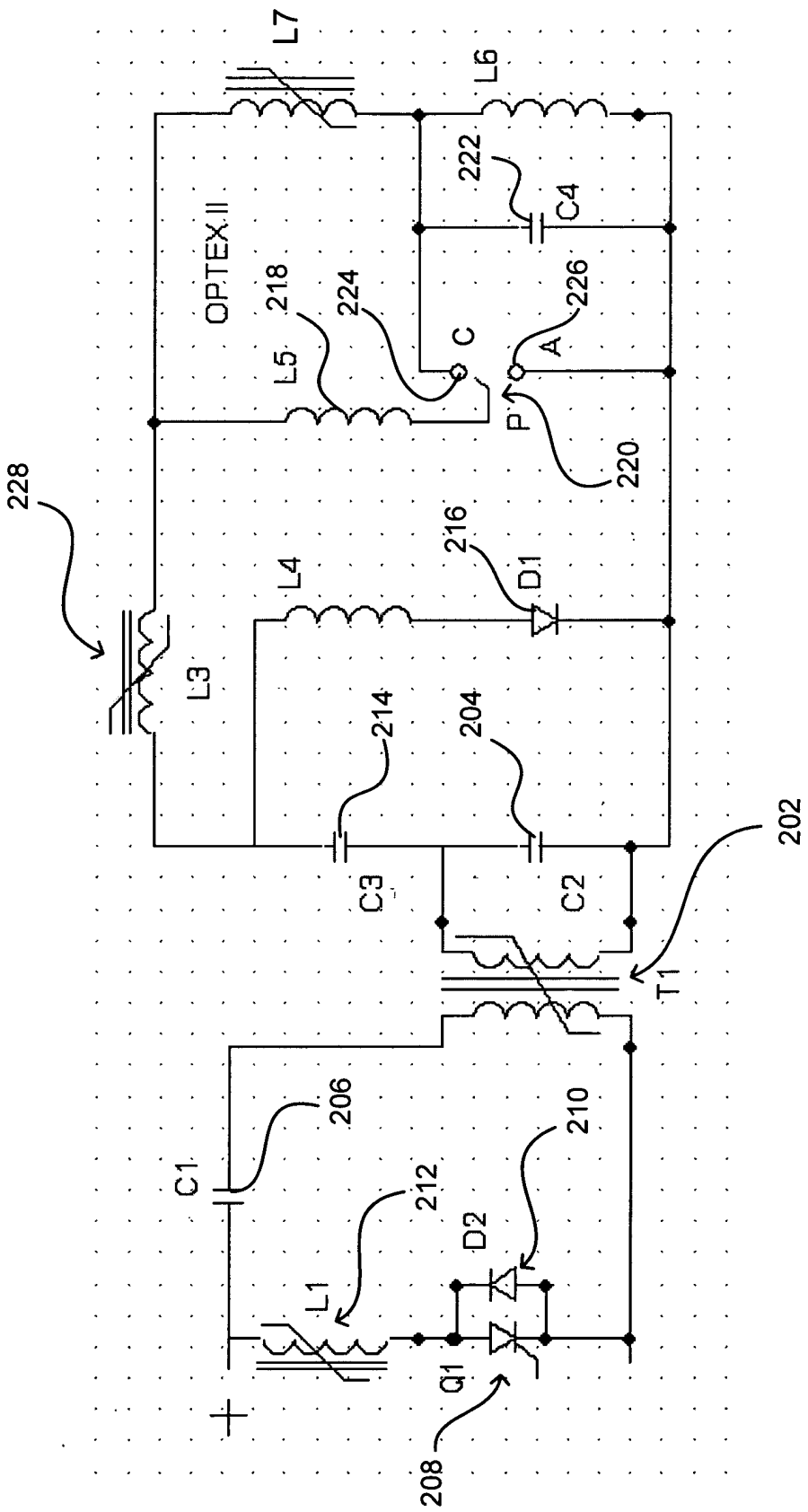

L7
L6
222
C4
OPTEX II
218
224
L5
C
226
A
P
220
228
L4
216
D1
L3
214
204
C3
C2
202
T1
206
C1
210
212
D2
L1
Q1
208
200

Figure 2

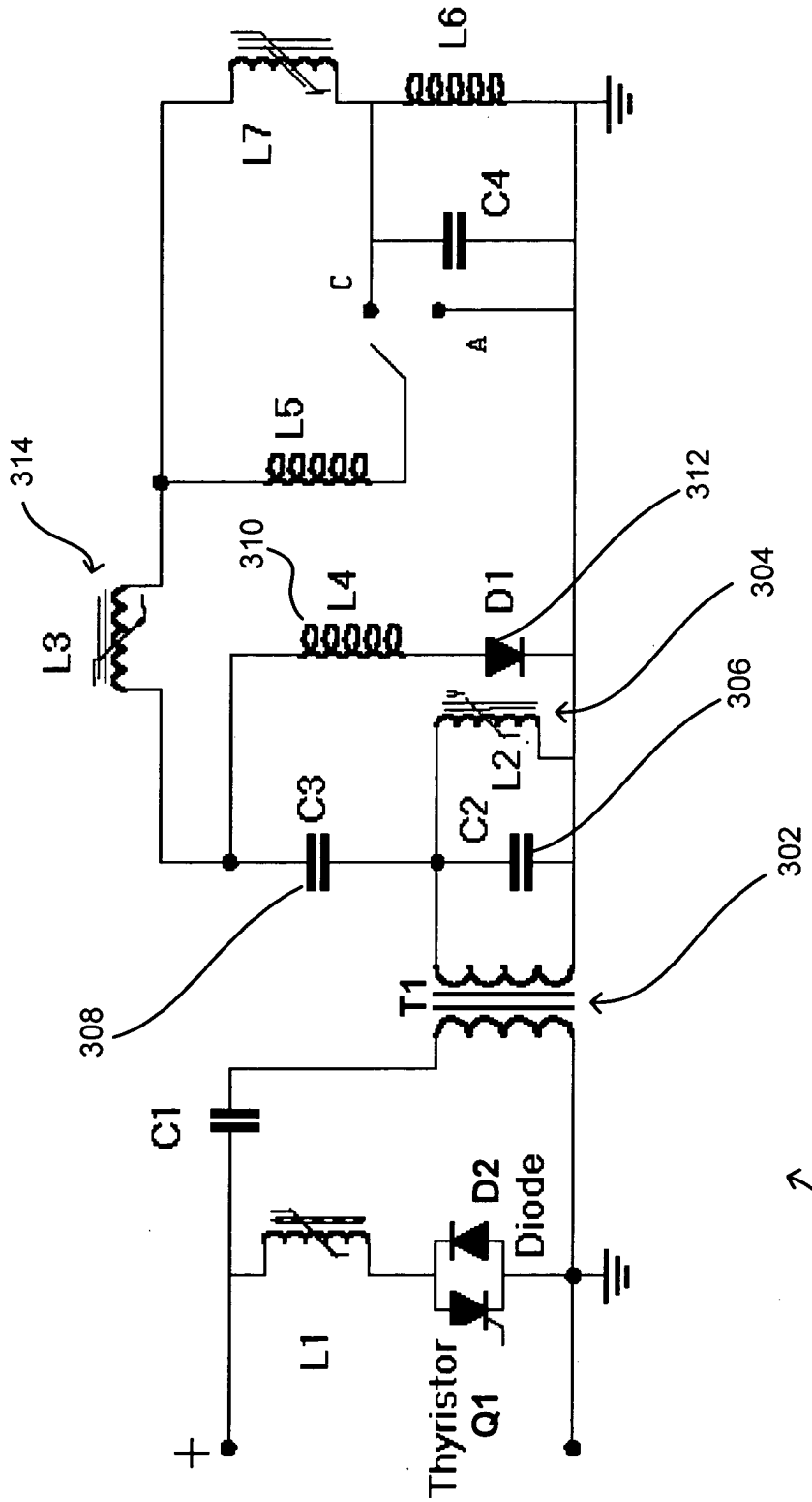
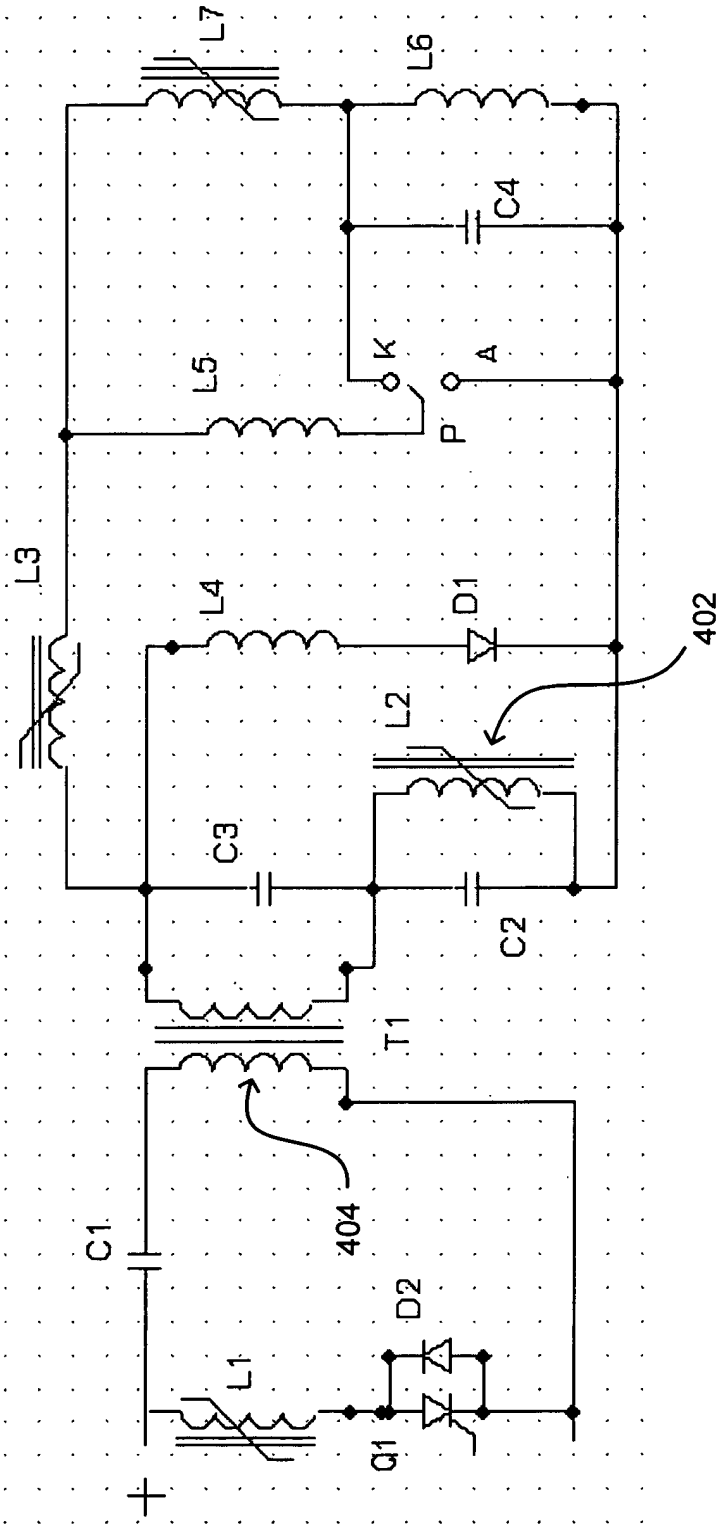

L6
L7
C4
C
A
L5
314
312
310
L4
D1
304
L3
306
L2
C3
C2
302
308
T1
C1
D2
Diode
L1
Thyristor
Q1
+
300

Figure 3



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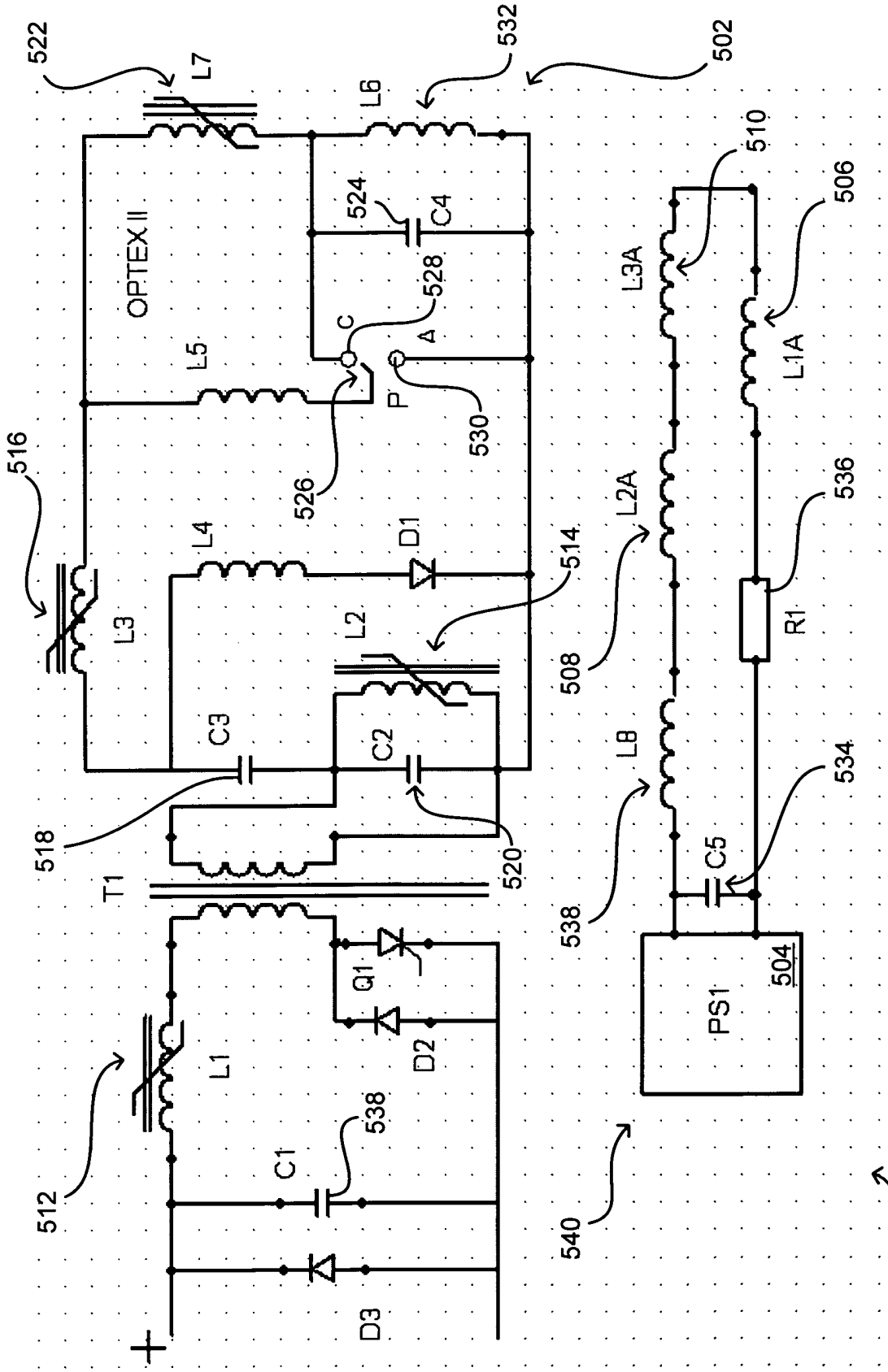
522
L7
532
L6
502
OPTEX II
524
C4
528
C
A
P
530
L5
526
516
L4
D1
514
L3
L2
C3
C2
508
518
520
T1
L8
538
534
C5
512
L1
Q1
D2
C1
538
D3
PS1
504
540
500
L3A
510
506
L1A
L2A
536
R1

Figure 5

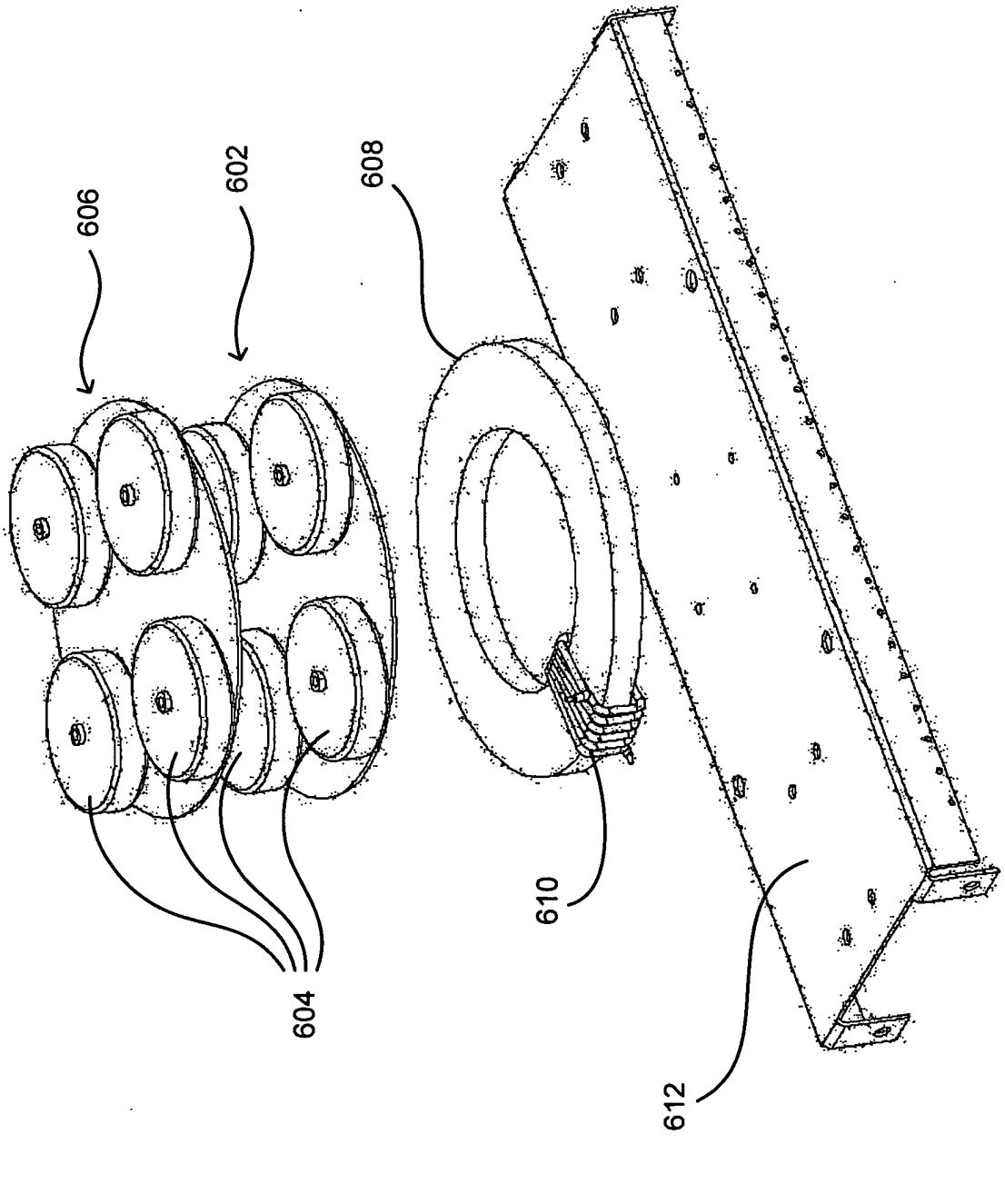

Figure 6

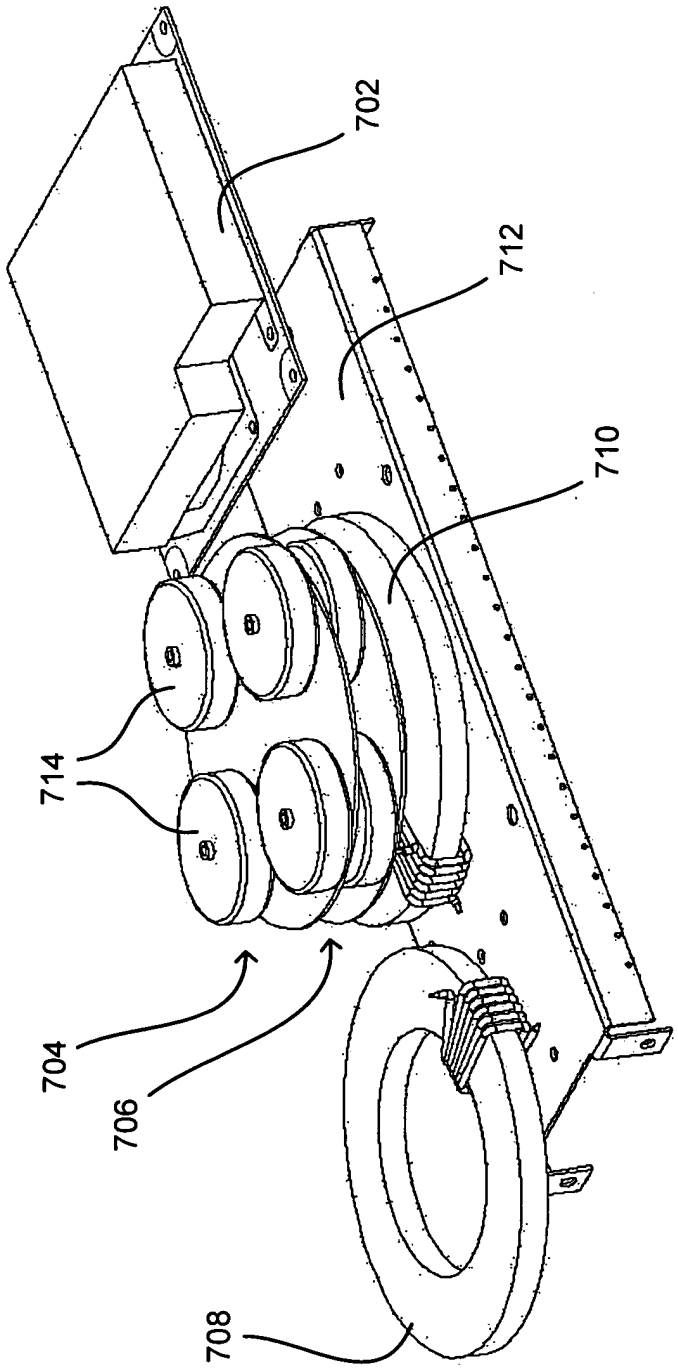

Figure 7

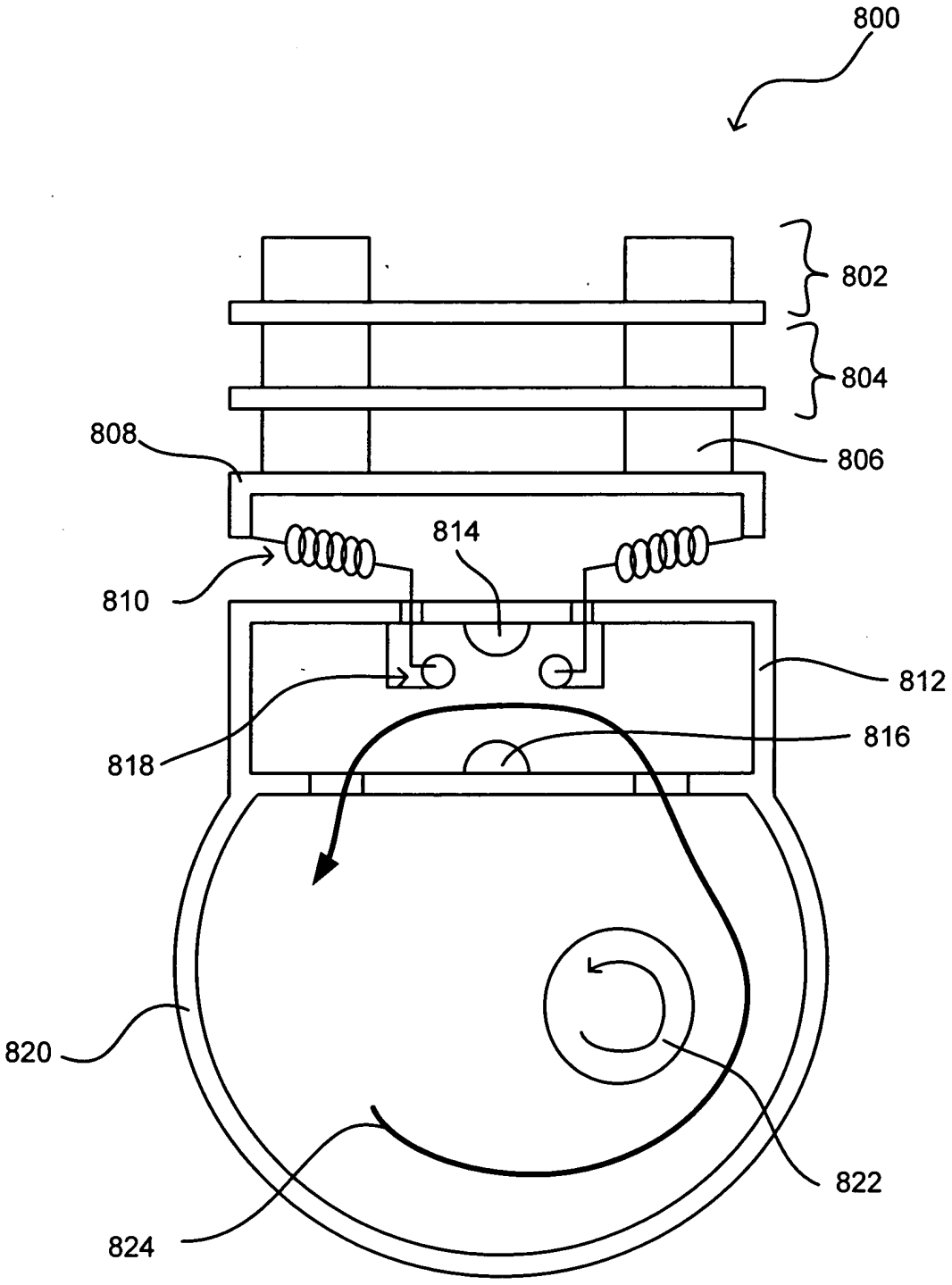

Figure 8

Fig. 9(a)

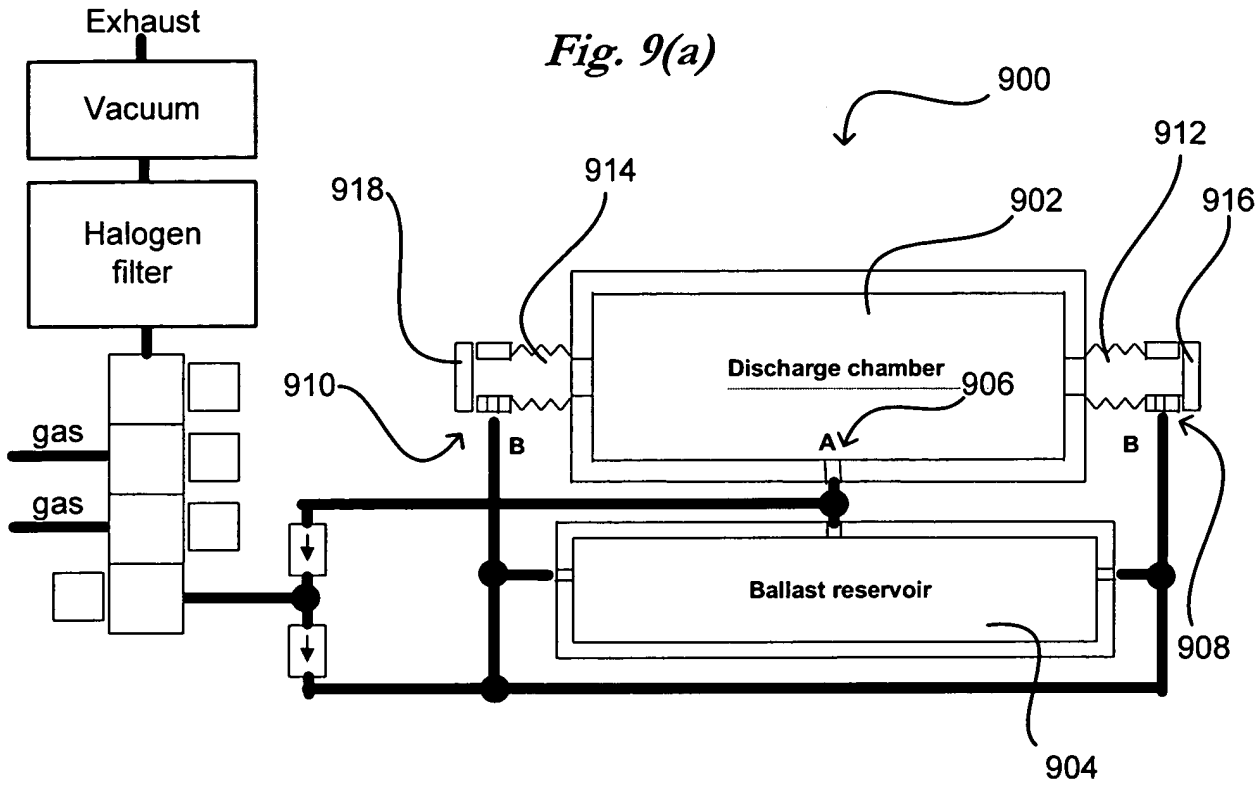

Fig. 9(b)

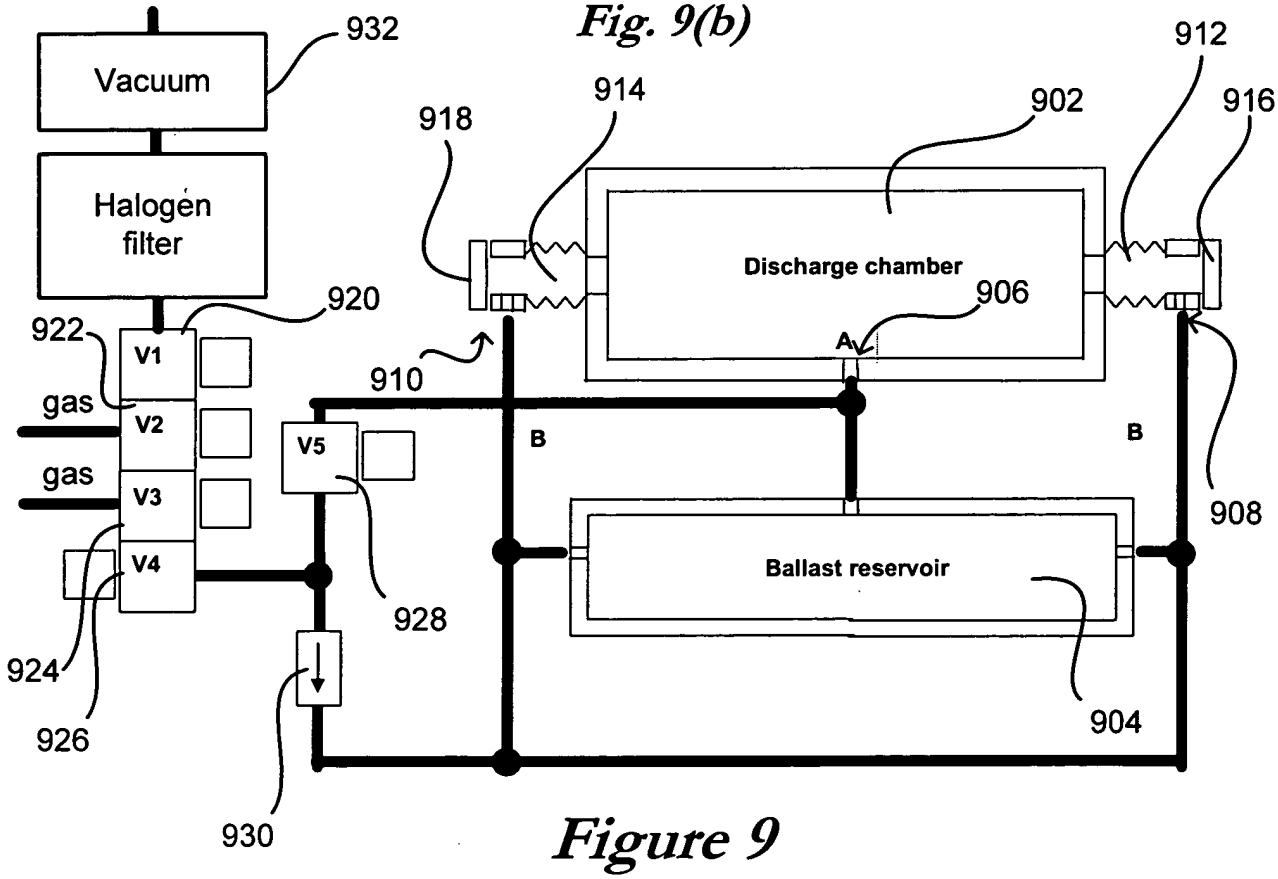

Figure 9

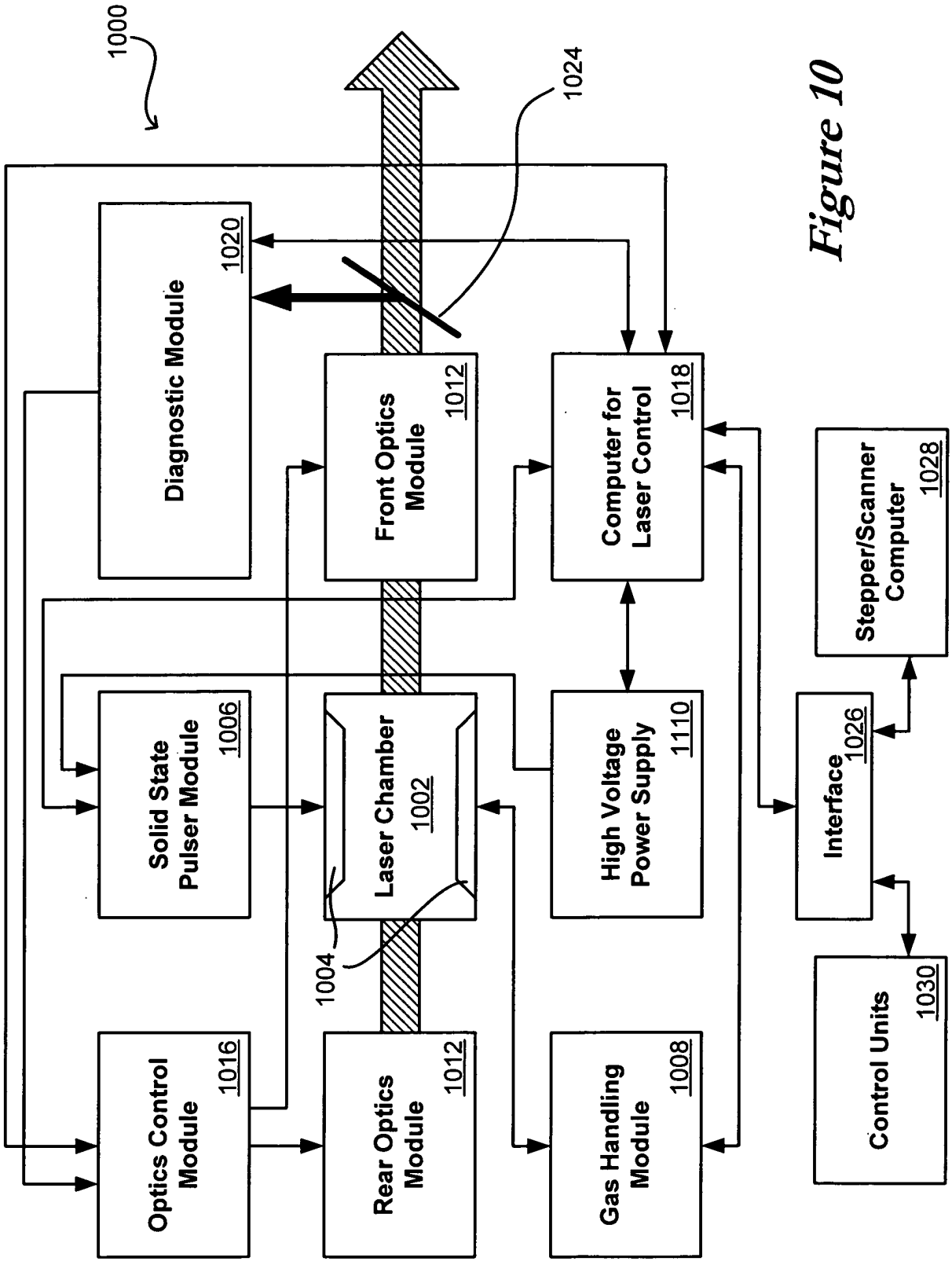
1000
1024
Diagnostic Module
1020
Front Optics Module
1012
Computer for Laser Control
1018
Stepper/Scanner Computer
1028
Solid State Pulser Module
1006
Laser Chamber
1002
High Voltage Power Supply
1110
Interface
1026
1004
Optics Control Module
1016
Rear Optics Module
1012
Gas Handling Module
1008
Control Units
1030

Figure 10